

MINNESOTA AG NEWS

WEEKLY CROP-WEATHER



MINNESOTA AGRICULTURAL
STATISTICS SERVICE

MN and U.S. Depts. of Agriculture

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MINNESOTA AGRICULTURAL STATISTICS SERVICE IN COOPERATION WITH THE NATIONAL WEATHER SERVICE

TWIN CITIES INT'L AIRPORT, UNIV. OF MINN. EXTENSION SERVICE, AND STATE CLIMATOLOGY, FSA, NRCS, DNR

SHOWERS SLOW SMALL GRAIN HARVEST

Slightly cooler temperatures and showers were prevalent across much of the state this past week, which caused harvesting and crop progress to slow, according to the Minnesota Agricultural Statistics Service. More warm, dry days are needed to aid harvest of small grains and corn and soybean development.

The average temperature for the week was 62.6 degrees, 2.1 degrees above normal. Statewide topsoil moisture supplies as of September 10th were rated 1% very short, 11% short, 80% adequate, and 8% surplus.

Corn in the dent stage was 40%, which is behind the five year average of 88%. Soybeans were 54% turning yellow, behind the five year average of 75%.

Corn was rated 48% in good to excellent condition compared to 53% last week. Soybeans were rated 41% in good to excellent condition, unchanged from last weeks rating.

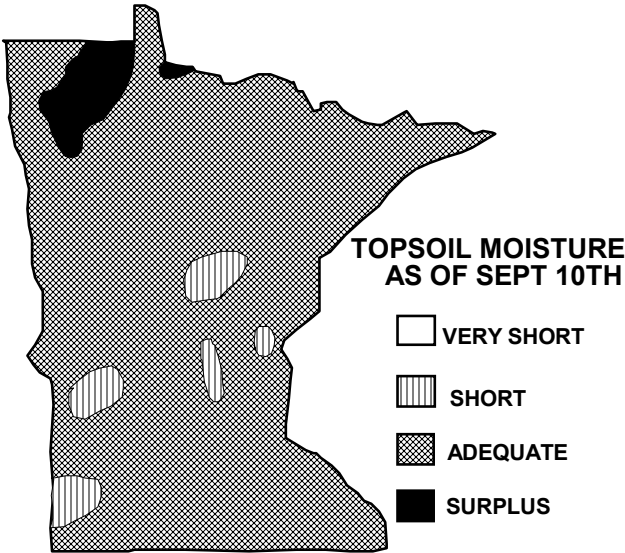
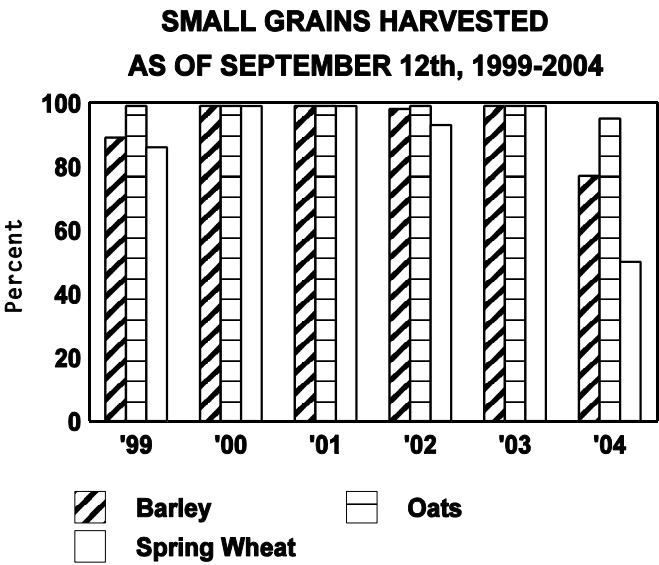
Spring wheat was 50% harvested, compared to 95% for the five year average. Barley was 77% harvested, compared to 97% for the five year average.

Potatoes were 46% harvested which was ahead of the five year average of 26%.

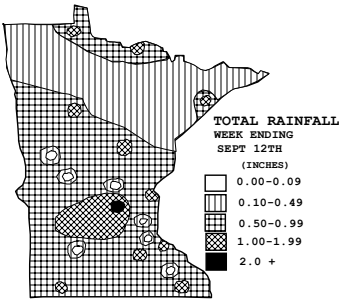
Sweet corn was 70% harvested, below the five year average of 84%.

Canola was 52% harvested, compared to the five year average of 72%.

Days Suitable for Fieldwork : 5.0					
		Very Short	Short	Ade-quate	Sur-plus
Topsoil Moisture (%)		1	11	80	8
Crop Progress as of September 12, 2004					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
----- Percent -----					
Corn	Dough	86	74	99	99
	Dent	40	20	93	88
Field Corn	Cut for Silage	13	8	67	49
Soybeans	Turning Yellow	54	32	87	75
	Dropping Leaves	10	2	52	36
Spring Wheat	Harvested	50	40	99	95
Barley	Harvested	77	65	99	97
Potatoes	Harvested	46	40	40	26
Canola	Harvested	52	42	93	72
Sweet Corn	Harvested	70	58	80	84
Crop Condition as of September 10 in Percent					
	Very Poor	Poor	Fair	Good	Exc
Pasture	4	12	35	44	5
Dry Beans	10	22	46	20	2
Canola	8	33	38	21	0
Potatoes	3	8	23	57	9
Corn	3	12	37	39	9
Soybeans	4	13	42	36	5
Sunflowers	10	16	52	19	3
Sugarbeets	1	7	27	45	20



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING SEPTEMBER 12, 2004:
Temperatures averaged from 0.7 degree above normal in the North-west District to 3.1 degrees above normal in the East Central District. Extremes: 89° in Moorhead, Browns Valley; 38° in Hibbing. Precipitation averaged from 0.37 inch below normal in the Northeast District to 0.47 inch above normal in the Central District. Greatest weekly total was 2.32 inches.



Precipitation and Temperature Summary for 9/6/2004 through 9/12/2004

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	From Norm Since 4/1	Since Apr 29	Depart from Norm
<u>NW DIST 1</u>										
Crookston	81	44	59.2	-.4	.46	-.09	1.69	5.55	1582	-526
Moorhead	89	44	61.8	1.3	.52	.00	1.27	2.41	1827	-381
Warroad	76	45	58.0	1.3	1.41	.77	.79	6.75	1414	-419
<u>NC DIST 2</u>										
Grand Rapids	80	43	60.9	3.8	.15	-.58	2.39	-.81	1651	-190
Intl. Falls	75	41	57.7	2.2	1.08	.33	.79	.80	1329	-390
Itasca	77	41	58.6	2.9	1.11	.39	.64	-1.82	1491	-233
<u>NE DIST 3</u>										
Duluth	74	46	58.0	1.1	.33	-.70	-.84	-3.61	1332	-288
Grand Marais	71	45	57.2	.0	.10	-.70	-1.38	-2.23	928	-319
Hibbing	77	38	57.6	1.7	.30	-.47	-.58	-4.92	1401	-274
Isabella	72	41	56.9	.6	1.26	.39	-.71	-2.64	1160	-567
<u>WC DIST 4</u>										
Alexandria	86	47	63.2	3.0	.01	-.66	-1.78	-2.23	1735	-378
Browns Valley	89	45	61.7	-.5	.70	.25	2.24	4.01m	1760m	-577m
Canby	88	46	65.4	1.5	.78	.21	2.01	2.18	2127	-325
Fergus Falls	79	44	60.4	-.0	0	-.53	1.94	4.71	1817	-326
Montevideo	86	45	64.0	1.9	1.32	.76	3.13	4.72	1990	-283
Morris	83	44	62.4	.9	.79	.28	-.27	-.29	1845	-420
<u>CENT DIST 5</u>										
Becker	83	44	64.4	4.5	2.32	1.52	1.66	4.20	1940	-159
Hutchinson	83	45	64.9	2.4	1.21	.60	-.27	2.53	2047	-302
Olivia	83	45	63.6	1.7	1.10	.41	.35	1.09	1993	-318
St. Cloud	84	41	63.2	3.5	.07	-.67	-1.24	-.31	1884	-201
Staples	75	41	59.8	1.4	.72	.11	.54	1.96	1600	-304
Willmar	83	46	63.6	1.8	1.55	.85	.85	2.55	1966	-316
<u>EC DIST 6</u>										
Aitkin	78	47	61.1	3.7	1.77	1.05	.43	-3.43	1575	-207
Forest Lake	82	47	65.0	2.2	1.46	.63	-1.90m	-6.88m	1215m	-1133m
MSP Airport	84	49	67.3	3.9	0	-.69	-1.22	-2.27	2220	-221
St. Paul - UofM	85	46	67.2	2.4	.48	-.32	-1.52	-2.02	2239	-296
<u>SW DIST 7</u>										
Lamberton	83	46	64.7	2.2	.96	.32	1.63	3.30	2050	-327
Pipestone	86	39	64.0	2.2	.78	.11	-.12	2.07	1975	-312
Redwood Falls	87	47	65.6	1.6	.07	-.56	.67	5.24	2124	-394
Worthington	84	44	64.0	2.6	1.12	.48	.07	2.53	2038	-188
<u>SC DIST 8</u>										
Faribault	84	45	64.9	2.5	1.00	.18	-.56	4.53	2057	-241
Mankato	83	47	66.4	3.7	.98	.20	1.65	6.12	2062	-307
Waseca	84	46	65.5	3.0	.97	.16	1.50	5.67	2116	-196
Winnebago	82	48	62.8	-.1	.60	-.06	-.11	3.47	2072	-296
<u>SE DIST 9</u>										
Preston	81	42	63.7	1.9	1.29	.38	-1.24	7.63	1979	-201
Red Wing	85	47	64.8	1.8	1.12	.25	-.01	1.06	2099	-256
Rochester	82	46	63.9	2.7	.01	-.78	-.19	6.01	1984	-167
Rosemount	83	48	65.8	3.7	0	-.88	-.29	-1.46	2072	-173
Winona	85	49	67.2	1.9	.88	.01	-.66	5.69	2207	-370

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

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